

CLAIMS

We claim:

1. A writable fastener device comprising:
a flexible fastener substrate comprising a plurality of loop and hook elements, wherein both loop and hook elements are permanently embedded onto and extend outwardly from a first side of the fastener substrate; and
a polymeric film adhered to and substantially covering a second side of the fastener substrate, wherein the fastener substrate and film together form a writable fastener device that may be closed by a single folding motion.
2. The labeling device of claim 1, wherein the labeling device is dimensioned for fastening around one or more objects selected from the group consisting essentially of wires, cables, conduits, tubing, pipes, lines, and combinations thereof.
3. The labeling device of claim 1, wherein the writable fastener device is dimensioned for fastening to a ring closure thereby providing a removable label.
4. The labeling device of claim 1, wherein the polymeric film is adapted to be written upon with a writing instrument selected from the group consisting essentially of ball-point, felt, and gel pens.
5. The labeling device of claim 1, wherein the polymeric film is adapted to receive an image applied by a process selected from the group consisting essentially of ink-jet printing, laser printing, silk-screen printing, and embroidery.
6. The labeling device of claim 1, wherein at least a portion of the polymeric film surface further comprises a transparent pocket for insertion of a label, wherein the label is visible through the pocket and is retained securely in the transparent pocket.

7. The labeling device of claim 1 wherein the polymeric film comprises polypropylene or polyethylene and has a thickness of between about 5 mil and about 10 mil.
8. The labeling device of claim 7 wherein the polymeric film comprising polypropylene or polyethylene has a thickness of about 6 to about 7 mil.
9. A method for producing a flexible fastener having a writable surface comprising:
providing a loop and hook fastener substrate comprising loop and hook elements that are permanently embedded onto and extend outwardly from a first side of the substrate;
providing a writable polymeric film;
adhering the loop and hook fastener substrate to the writable polymeric film thereby producing a flexible laminate sheet having the loop and hook elements substantially covering a first side of the laminate sheet and the writable polymeric film substantially covering a second side of the laminate sheet;
cutting the flexible laminate sheet into a plurality of flexible fasteners, wherein the flexible fasteners are adapted for mating of the loop and hook elements by a single pinching motion thereby providing a flexible fastener having a writable labeling surface.
10. The method of claim 9, wherein loop elements and hook elements are intermixed on the loop and hook substrate.
11. The method of claim 9, wherein the loop elements and hook elements are disposed in alternating bands on the loop and hook fastener substrate.
12. The method of claim 9 wherein the substrate is manufactured by first generating a soft woven sheet of loop material followed by permanently adhering hook elements over at least a portion of the loop material thereby generating a single substrate comprising both loop and hook elements.

13. The method of claim 12, wherein the substrate is provided in roll having a width of approximately about 4 to about 13 inches.
14. The method of claim 13, wherein the hook elements are disposed over approximately one half of the width of the roll.
15. The method of claim 9, wherein the hook elements are disposed over the substrate such that approximately one-half of a longitudinal dimension of the substrate is covered with loop elements and approximately one-half of a longitudinal dimension of the substrate is covered with hook elements.
16. The method of claim 9 wherein the writable polymeric film comprises printed images that are applied to the film prior to adhering to the hook and loop substrate.
17. The method of claim 16, wherein the images are printed using a high volume roll-fed printing press.
18. The method of claim 9, wherein the writable polymeric film comprises polypropylene or polyethylene and has a thickness of between about 5 mil and about 10 mil.
19. The method of claim 9, wherein the flexible fastener is dimensioned for labeling and organizing wires, cables, conduits, tubing, pipes, and ring closures.
20. The method of claim 9, wherein the writable polymeric film is adhered to the loop and hook fastener substrate using pressure sensitive adhesive.

21. A printable fastener substrate comprising a flexible laminate sheet comprising a light weight loop and hook fastener substrate substantially covering a first side of the laminate sheet and a polypropylene film having a thickness of about 5 to about 10 mil substantially covering a second side of the laminate sheet, wherein the loop and hook fastener substrate comprises hook and loop elements that are permanently embedded onto and extend outwardly from the substrate and are exposed on the first side of the laminate sheet, and wherein the polypropylene film is adapted for receiving printed images.

22. The printable fastener substrate of claim 21, wherein the polypropylene film has a thickness of about 6 to about 7 mils.